

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	33465
<b>Lot Number</b>	000129-16175
<b>Product</b>	<b><i>N</i><sup>γ</sup>-<b>Z-L-2,4-diaminobutyric acid methyl ester hydrochloride</b></b>
	H-L-Dab(Z)-OMe•HCl
<b>CAS Number</b>	10270-79-8, 55528-35-3 (net)
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub> •HCl
<b>Molecular Weight</b>	302.8

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	166 - 176 °C (Dec.)
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 17 ° (C=1 in MeOH)
<b>Residual Solvents</b>	Ethyl acetate, Methyl tert-butyl ether
<b>Assay by titration</b>	96%
<b>Purity by HPLC</b>	99.3%
<b>Purity by TLC</b>	> 98%
<b>Storage</b>	Store at 2-8 °C

**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager